Amendments to the Specification:

Please replace paragraph [0075] with the following amended paragraph:

[0075] The sounding pulse is a physical signal that is preferably transmitted using an isotropic antenna, which is an antenna that radiates or receives equally in all directions, but if the mobile unit has beamforming capabilities it can also be a sweeping beam transmitting a series of sounding pulses through 360 degrees. The form of the sounding pulse is preferably dependent on the radio access technology. For example, in CDMA-based systems, a very short duration burst spanning multiple chips, a short chip sequence, can represent the sounding pulse. If a mobile unit has a selectively operable beamforming antenna, the antenna may be configured to determining a relative location of a base station with respect to the beamforming antenna of the mobile unit based on information related to the detected sounding pulse. The antenna may also be configured to continue the mobile unit's communication via the base satiation by operating the mobile unit's antenna to form a communication beam toward the base station.